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RAW SEQUENCE LISTING DATE: 05/07/2002
PATENT APPLICATION: US/09/975,607A TIME: 13:18:56

Input Set : A:\57114b
Output Set: N:\CRF3\05072002\I975607A.raw

ENTERED

<110> APPLICANT: Cheah, Kathryn
Cheung, Kenneth
<120> TITLE OF INVENTION: USE OF TRANSGENIC MOUSE CONTAINING A TYPE X COLLAGEN MUTANT
<130> FILE REFERENCE: 0467/57114-B
<140> CURRENT APPLICATION NUMBER: 09/975,607A
<141> CURRENT FILING DATE: 2001-10-11
<160> NUMBER OF SEQ ID NOS: 5
<170> SOFTWARE: PatentIn version 3.1
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aaagcttacc cagcagtagg tgcccccatc ccatttgatg agattctgta caataggcag 180
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cctacgatgt acacgtatga tgagtacagc aaaggctacc tggatcaggc ttcagggagt 360
gcaatcatgg agctcacaga aaatgaccag gtatggctcc aattgcccaa tgcagaatca 420
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aaagcttacc cagcagtagg tgcccccatc ccatttgatg agattctgta caataggcag 180
cagcattacg acccaagatc tggtatcttt acctgtaaga tcccaggcat atactatttc 240
tcctaccacg tgcatgtgaa agggactcac gtttgggtag gcctgtataa gaacggcaca 300
cgtatgatga gtacagcaaa ggctacctgg atcaggcttc agggagtgca atcatggagc 360
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Gly Met Pro Leu Val Ser Ala Asn His Gly Val Thr Gly Met Pro Val

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99              20                  25                  30
102 Ser Ala Phe Thr Val Ile Leu Ser Lys Ala Tyr Pro Ala Val Gly Ala
103         35                  40                  45
106 Pro Ile Pro Phe Asp Glu Ile Leu Tyr Asn Arg Gln Gln His Tyr Asp
107     50                  55                  60
110 Pro Arg Ser Gly Ile Phe Thr Cys Lys Ile Pro Gly Ile Tyr Tyr Phe
111 65                  70                  75                  80
114 Ser Tyr His Val His Val Lys Gly Thr His Val Trp Val Gly Leu Tyr
115                 85                  90                  95
118 Lys Asn Gly Thr Pro Thr Met Tyr Thr Tyr Asp Glu Tyr Ser Lys Gly
119             100                 105                 110
122 Tyr Leu Asp Gln Ala Ser Gly Ser Ala Ile Met Glu Leu Thr Glu Asn
123         115                 120                 125
126 Asp Gln Val Trp Leu Gln Leu Pro Asn Ala Glu Ser Asn Gly Leu Tyr
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134 Met
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154             20                  25                  30
157 Ser Ala Phe Thr Val Ile Leu Ser Lys Ala Tyr Pro Ala Val Gly Ala
158         35                  40                  45
161 Pro Ile Pro Phe Asp Glu Ile Leu Tyr Asn Arg Gln Gln His Tyr Asp
162     50                  55                  60
165 Pro Arg Ser Gly Ile Phe Thr Cys Lys Ile Pro Gly Ile Tyr Tyr Phe
166 65                  70                  75                  80
169 Ser Tyr His Val His Val Lys Gly Thr His Val Trp Val Gly Leu Tyr
170                 85                  90                  95
173 Lys Asn Gly Thr Arg Met Met Ser Thr Ala Lys Ala Thr Trp Ile Arg
174             100                 105                 110
177 Leu Gln Gly Val Gln Ser Trp Ser Ser Gln Lys Met Thr Arg Tyr Gly
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195 <213> ORGANISM: Human
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201 1               5                   10                  15
204 Gly Met Pro Leu Val Ser Ala Asn His Gly Val Thr Gly Met Pro Val
205             20                  25                  30
208 Ser Ala Phe Thr Val Ile Leu Ser Lys Ala Tyr Pro Ala Val Gly Ala
209         35                  40                  45
212 Pro Ile Pro Phe Asp Glu Ile Leu Tyr Asn Arg Gln Gln His Tyr Asp
213     50                  55                  60
216 Pro Arg Ser Gly Ile Phe Thr Cys Lys Ile Pro Gly Ile Tyr Tyr Phe
217 65                  70                  75                  80
220 Ser Tyr His Val His Val Lys Gly Thr His Val Trp Val Gly Leu Tyr
221                 85                  90                  95
224 Lys Asn Gly Thr Pro Met Met Asn Thr Pro Lys Ala Thr Trp Ile Arg
225             100                 105                 110
228 Leu Gln Gly Val Pro Ser Ser Ile Ser Gln Lys Met Thr Arg Cys Gly
229         115                 120                 125
232 Ser Ser Phe Pro Met Pro Ser Gln Met Ala Tyr Thr Pro Leu Ser Met
233     130                 135                 140
236 Ser Thr Pro Leu Ser Gln Asp Ser
237 145                 150
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